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(54) MULTIPLE LAYER SOLAR ENERGY HARVESTING COMPOSITION AND METHOD, SOLAR ENERGY HARVESTING BUCKYBALL, INDUCTIVE COUPLING DEVICE; VEHICLE CHASSIS; ATMOSPHERIC INTAKE HYDROGEN MOTOR; ELECTRICAL ENERGY GENERATING TIRE; AND MECHANICAL ENERGY HARVESTING DEVICE

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(57) **ABSTRACT**

Provided is a multiple layer composition and method for deposition of a solar energy harvesting strip onto a driving surface that will allow electric cars to charge by an inductive coupling. The multiple layer composition includes at least one magnetic material for generating a magnetic field, wherein at least one of the multiple layers comprises the magnetic material. Further, the a multiple layer composition includes at least one solar energy harvesting material for converting at least one of thermal and photonic energy into electrical energy, wherein at least one of the multiple layers comprises the at least one solar energy harvesting material and wherein the at least one solar energy harvesting material is located within a magnetic field generated by the at least one magnetic material. An alternative multiple layer composition includes a thermal energy harvesting material for converting thermal energy into electrical energy, wherein at least one layer comprises the thermal energy harvesting material, and a photonic energy harvesting material for converting photonic energy into electrical energy, wherein at least one layer comprises the thermal energy harvesting material. Additionally provided is a solar energy harvesting buckyball, inductive coupling device, vehicle chassis for storing electrical energy, atmospheric intake hydrogen motor, electrical energy generating tire and mechanical energy harvesting device.